

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

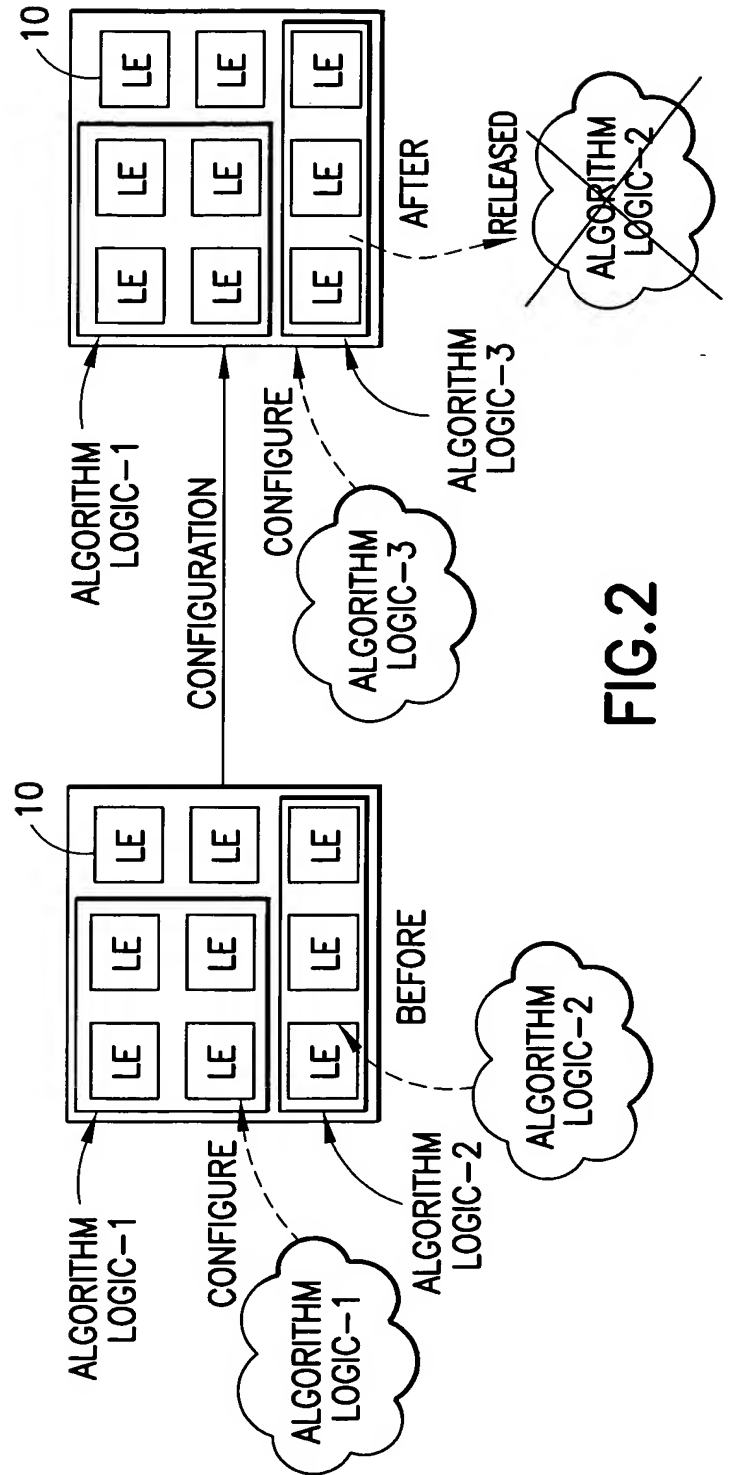
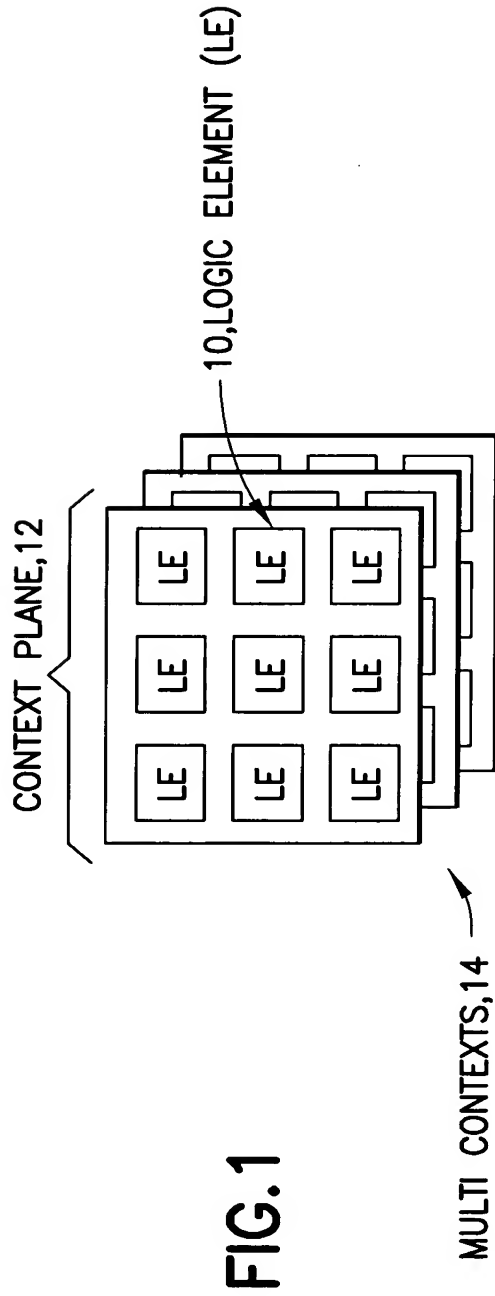
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



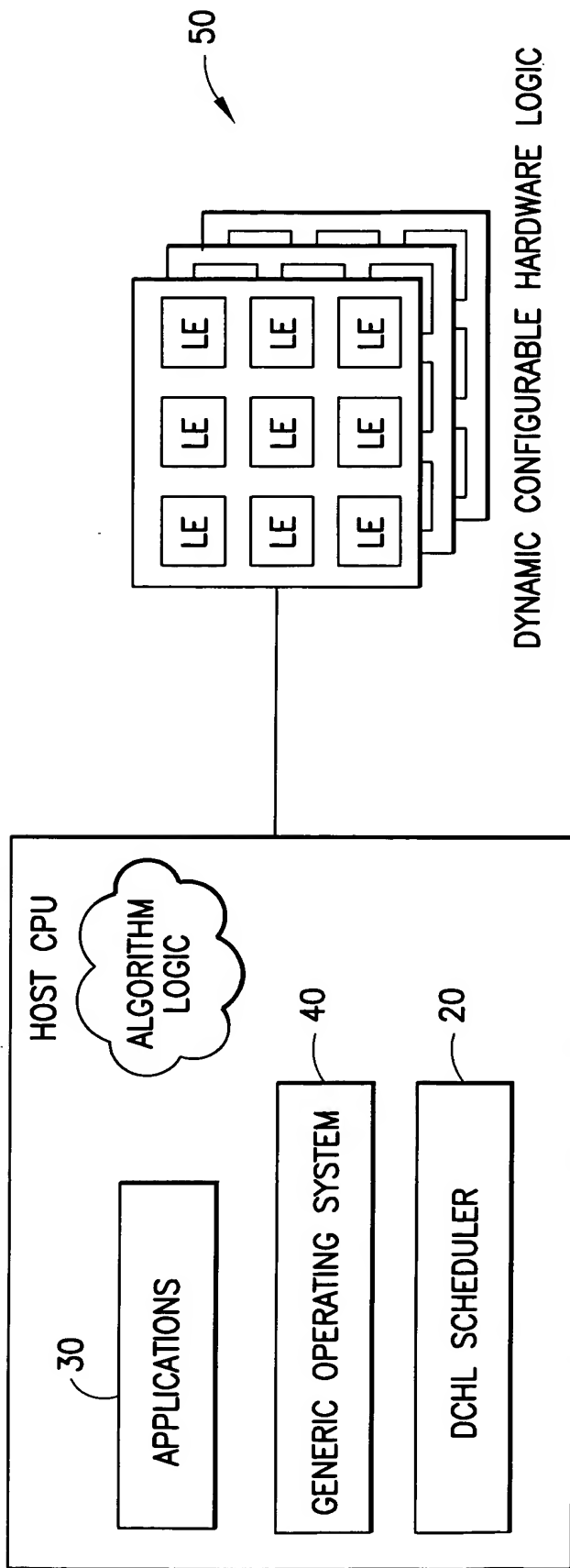


FIG.3

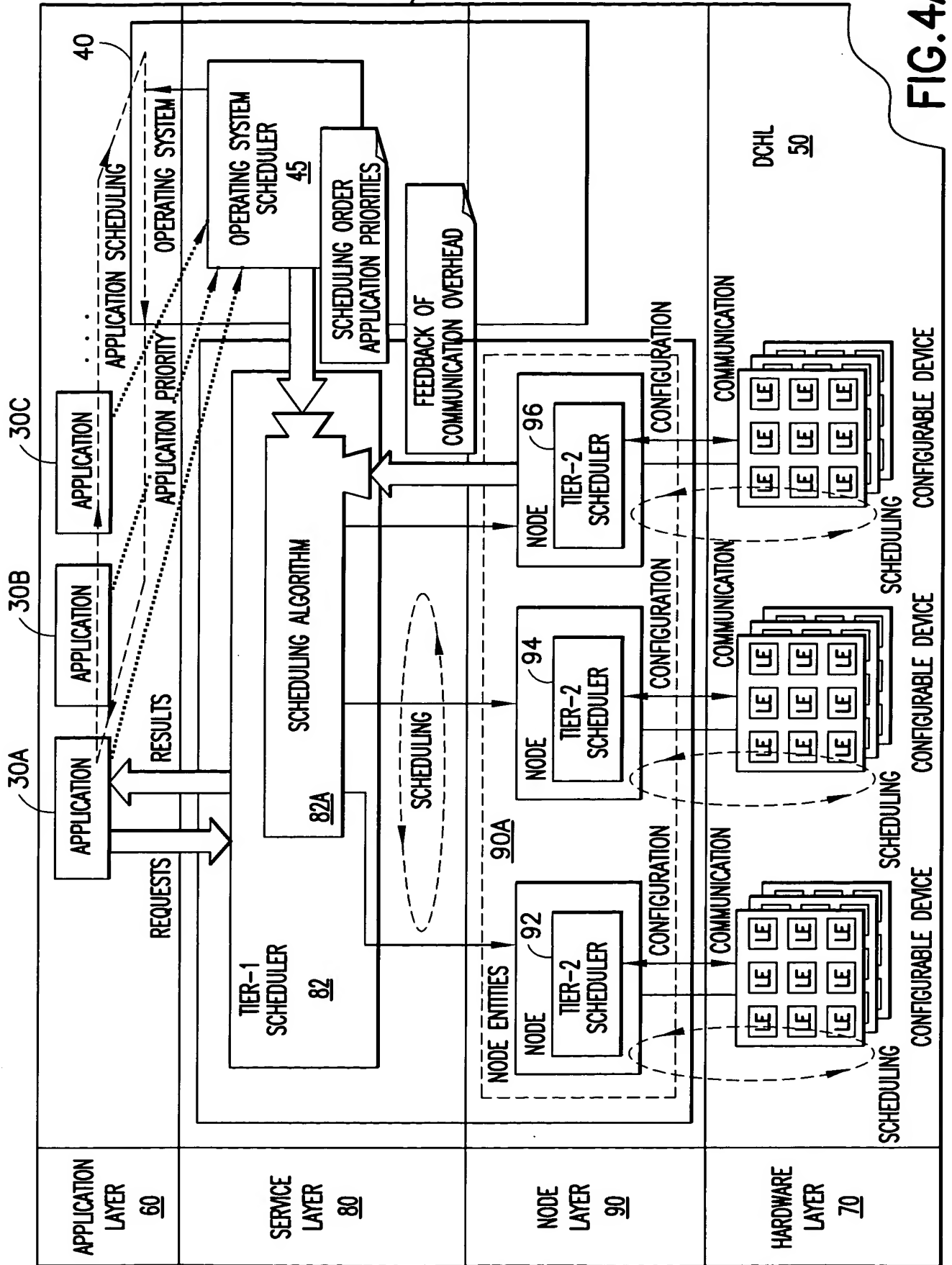
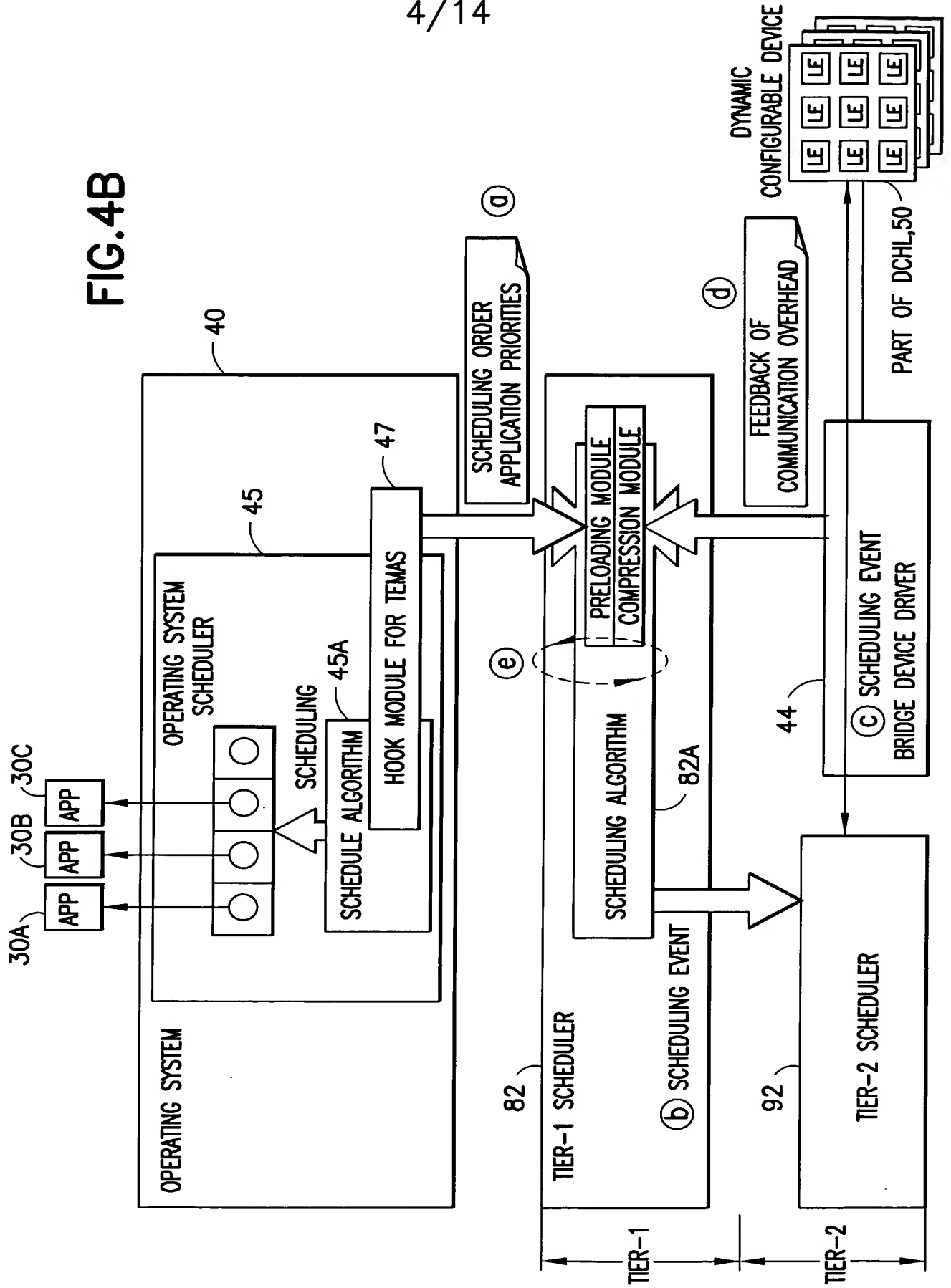
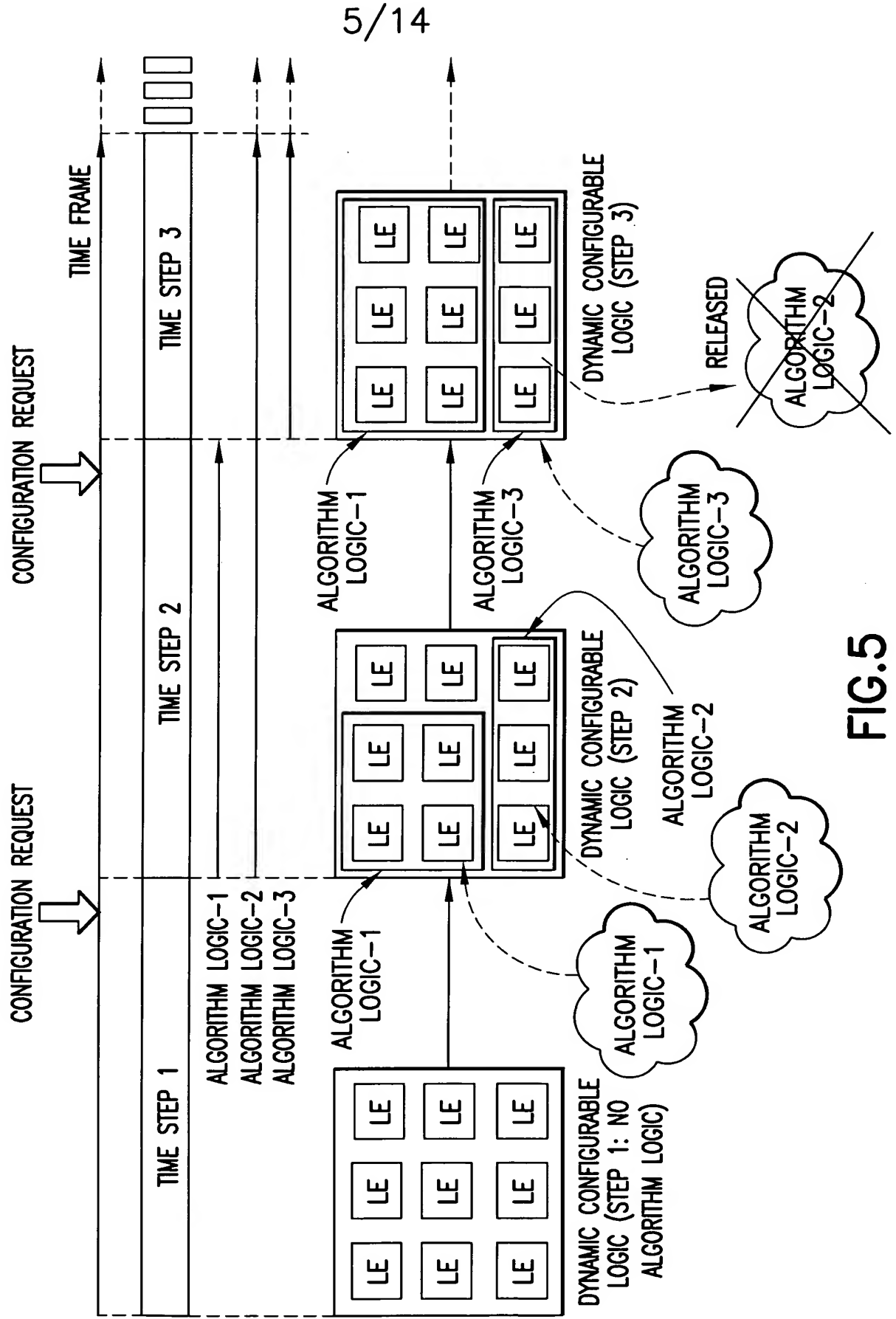


FIG. 4A

FIG. 4B





**FIG.5**

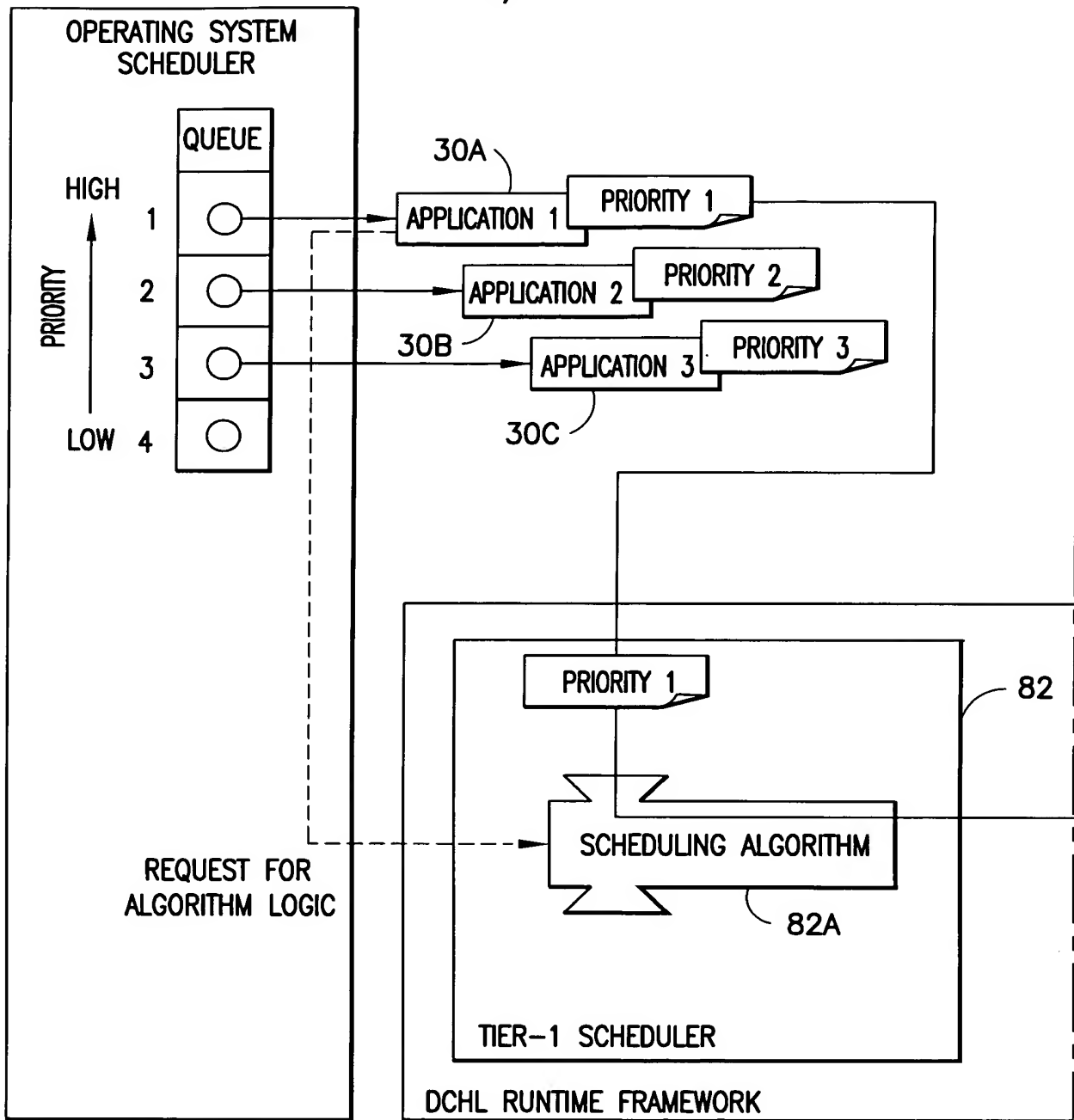


FIG.6A

FIG.6A
FIG.6B

FIG.6

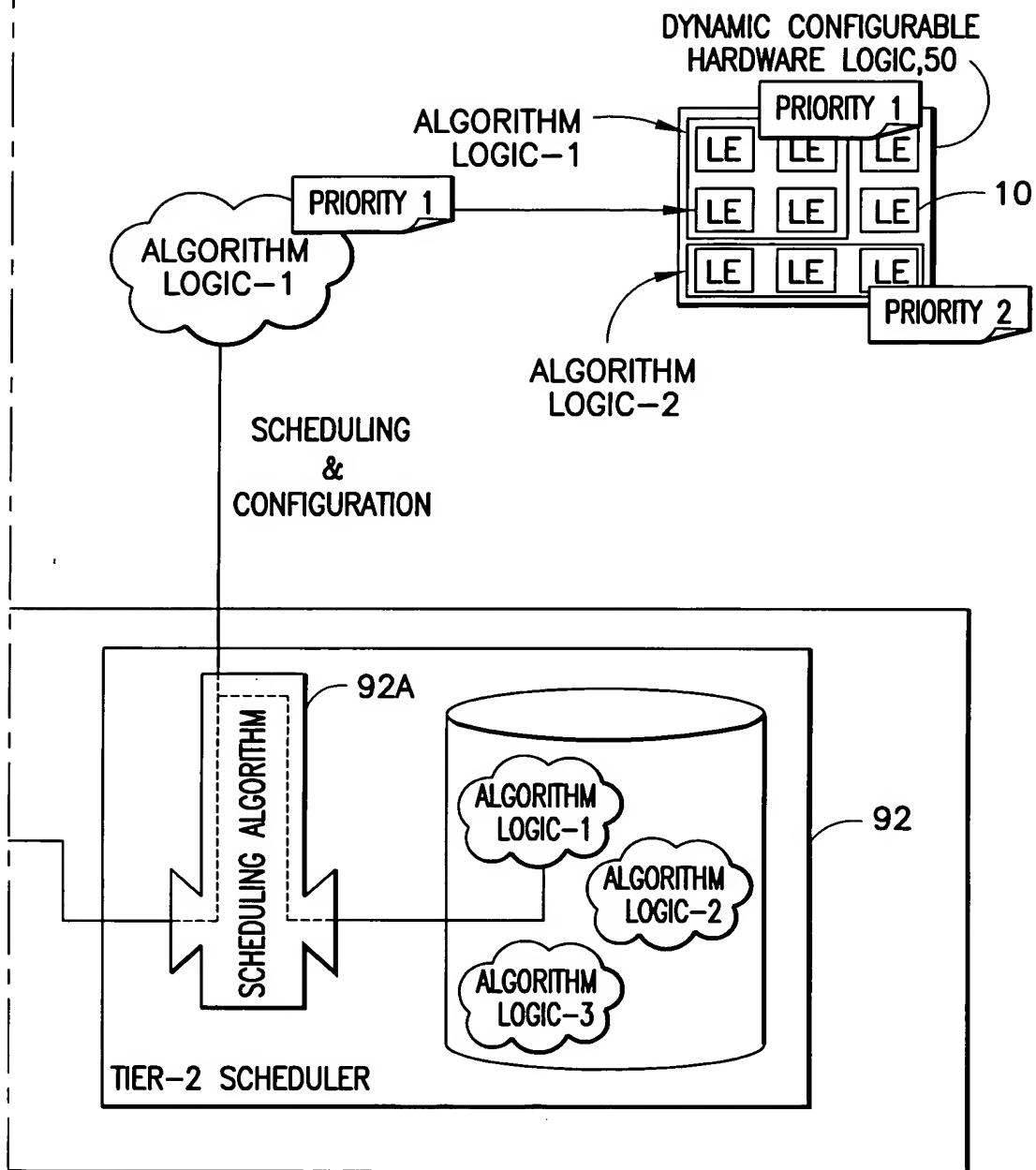
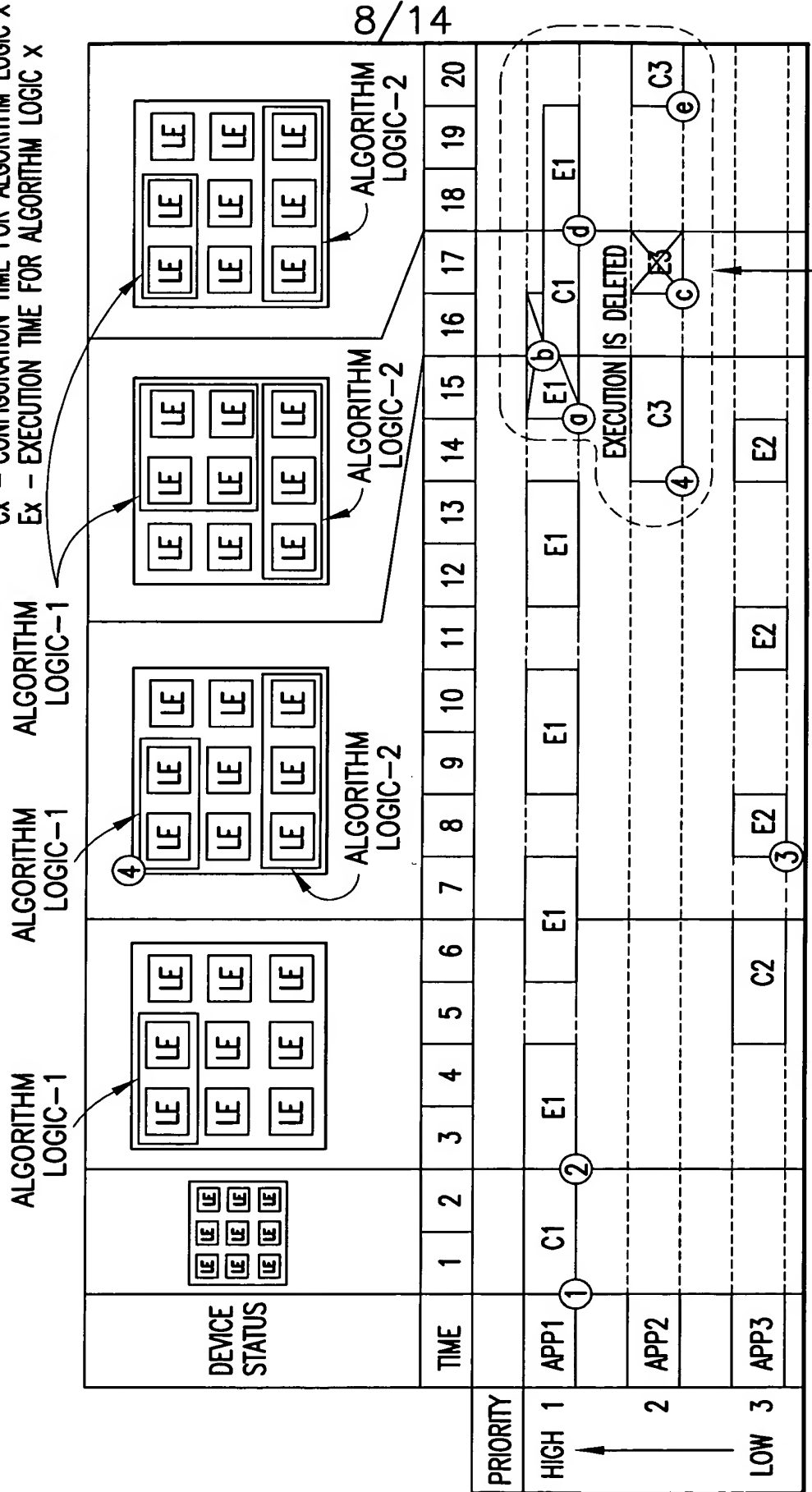


FIG.6B



[CONVENTIONS]  
 APP - APPLICATION WORKING ON HOST CPU  
 Cx - CONFIGURATION TIME FOR ALGORITHM LOGIC x  
 Ex - EXECUTION TIME FOR ALGORITHM LOGIC x



THE ALGORITHM LOGIC ATTACHED TO APPLICATION HAVING THE HIGHEST PRIORITY IS DELAYED TO WORK FOR FROM (a) TO (d). ADDITIONALLY, ALGORITHM-3 MISSES ITS EXECUTION AT (c). EXTRA INEFFICIENT CONFIGURATION BOTH (b) AND (e) ARE PERFORMED.

FIG.7

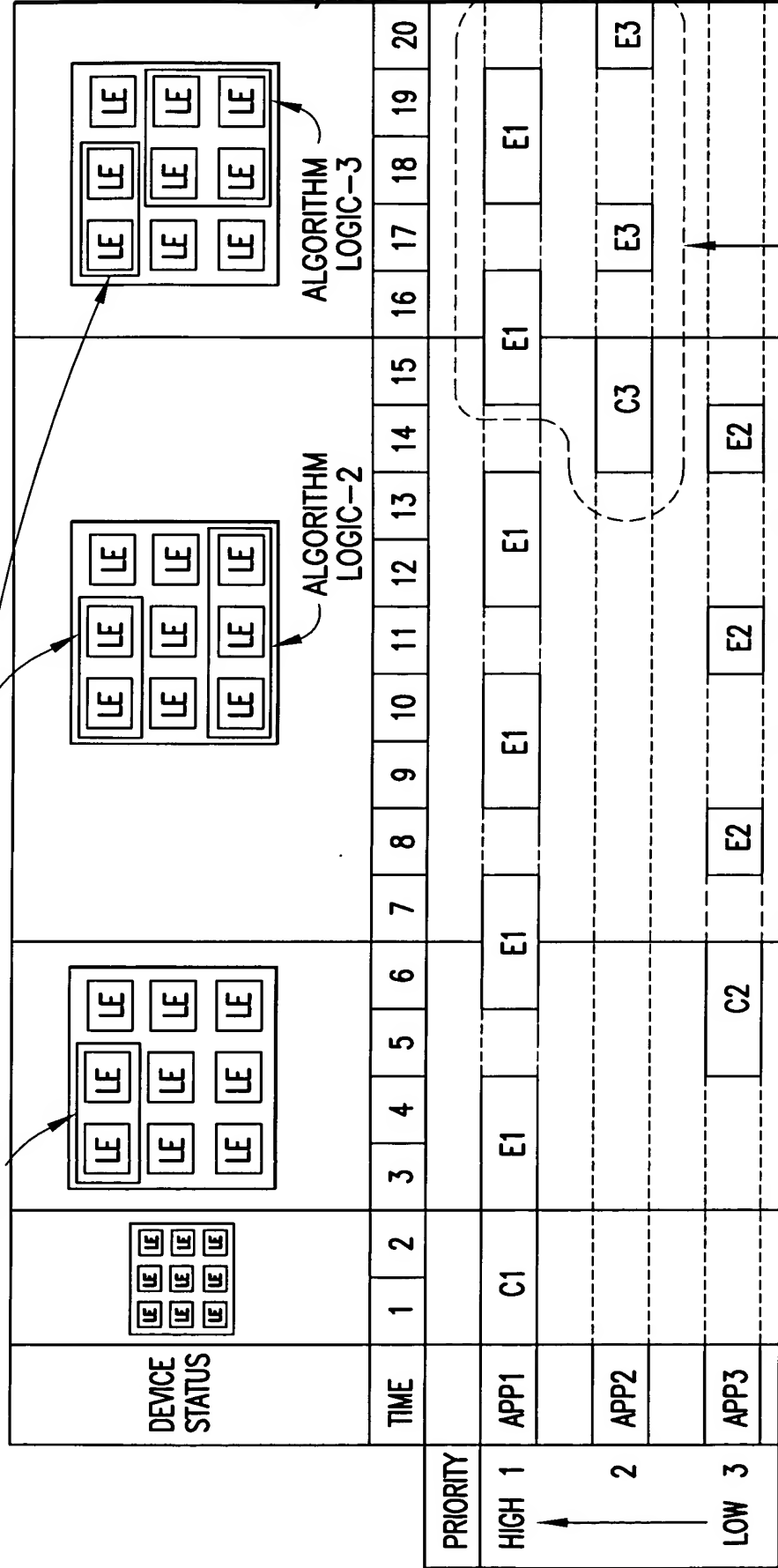
[CONVENTIONS]

- APP- APPLICATION WORKING ON HOST CPU
- Cx - CONFIGURATION TIME FOR ALGORITHM LOGIC X
- Ex - EXECUTION TIME FOR ALGORITHM LOGIC X

ALGORITHM LOGIC-1

ALGORITHM LOGIC-1

9/14



ALGORITHM LOGIC ATTACHED TO APPLICATIONS HAVING HIGHER PRIORITY ARE WORKING FINE, WHICH MEANS THAT EXECUTION DELAY AND EXTRA CONFIGURATION DOESN'T OCCUR. THE R ENSURES THE BEST UTILIZATION.

FIG.8

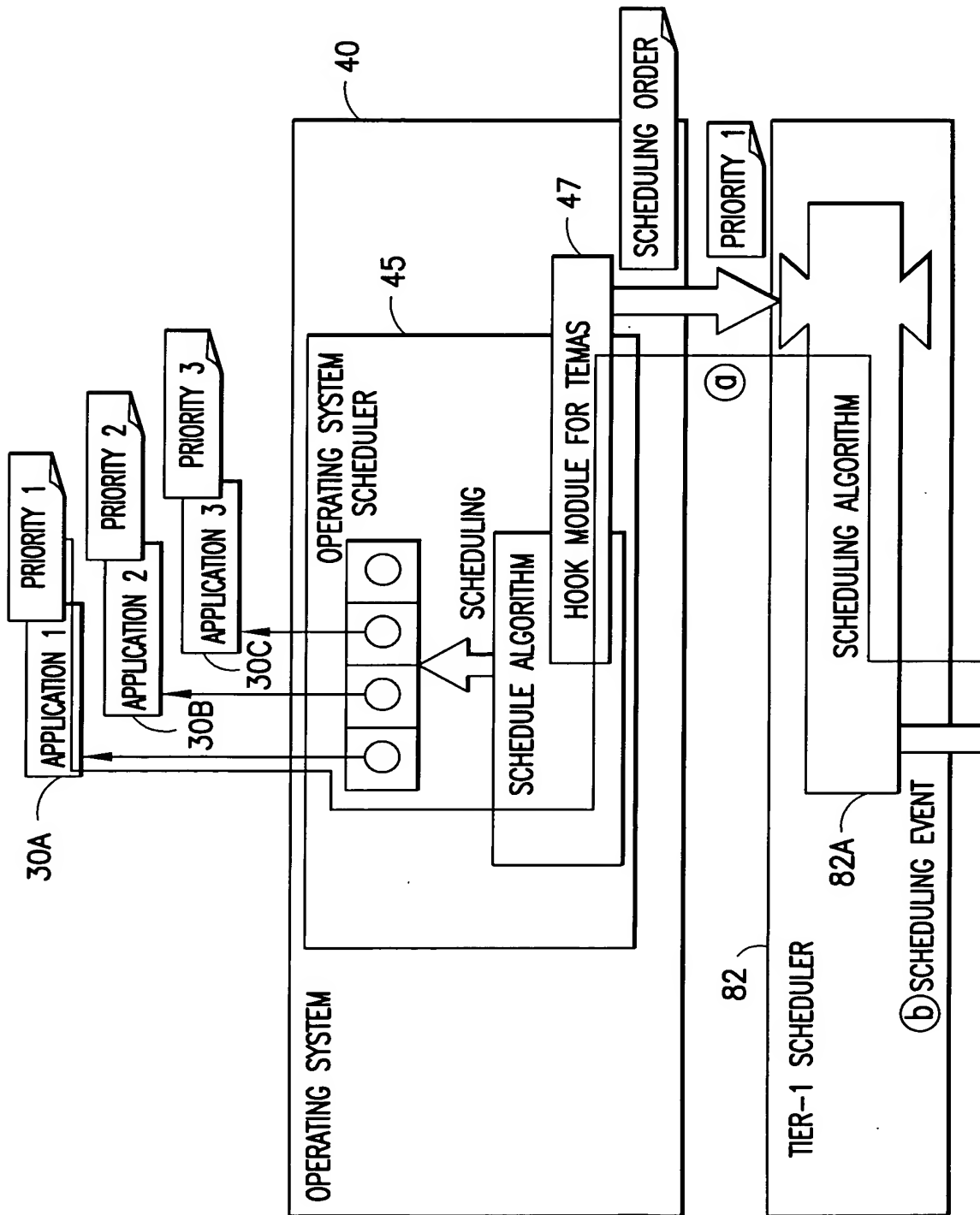


FIG. 9A

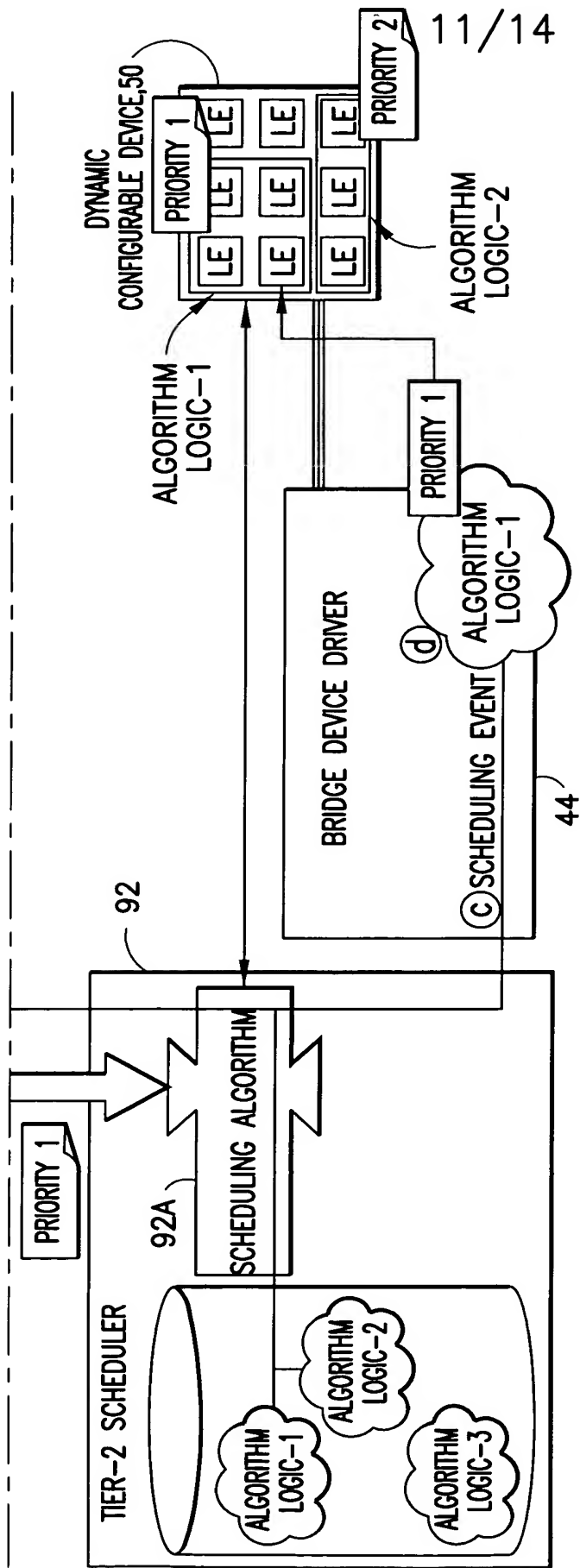
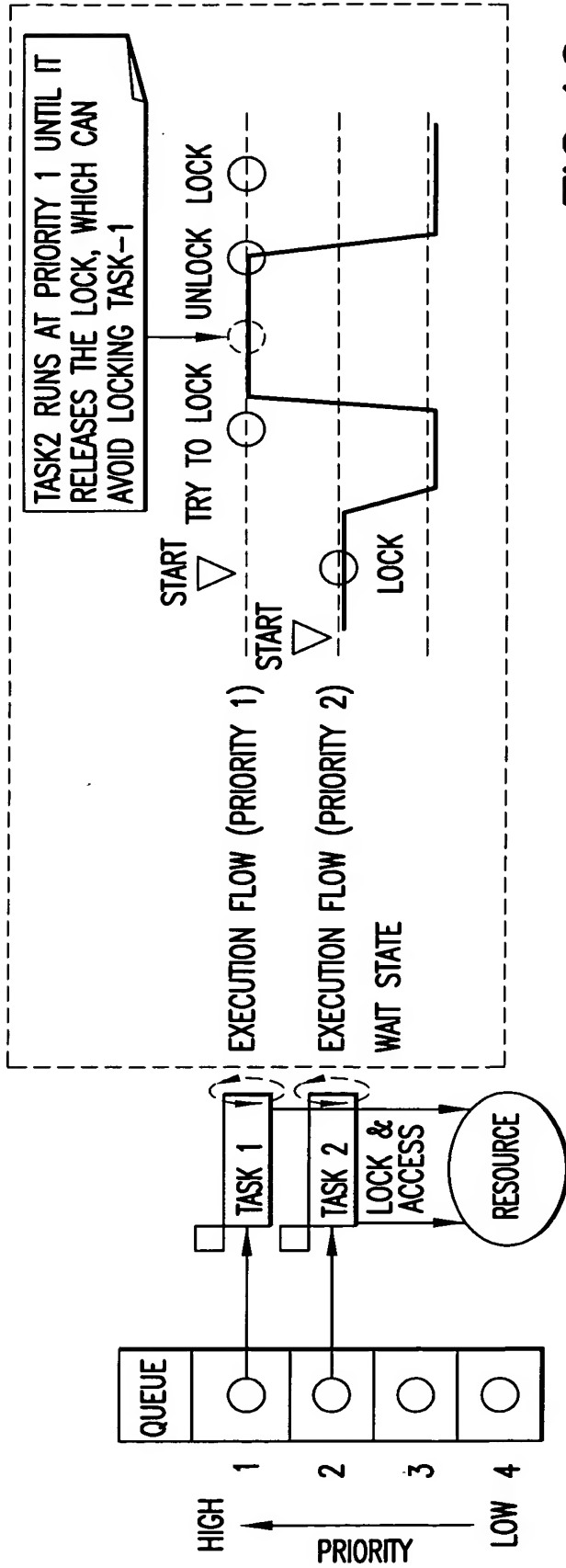


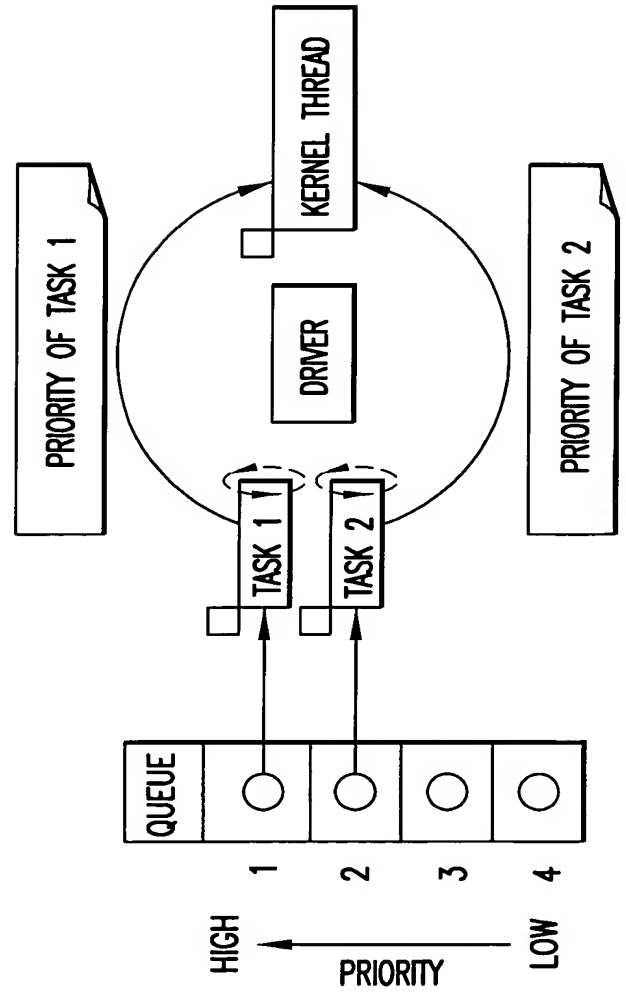
FIG.9B

FIG.9A
FIG.9B

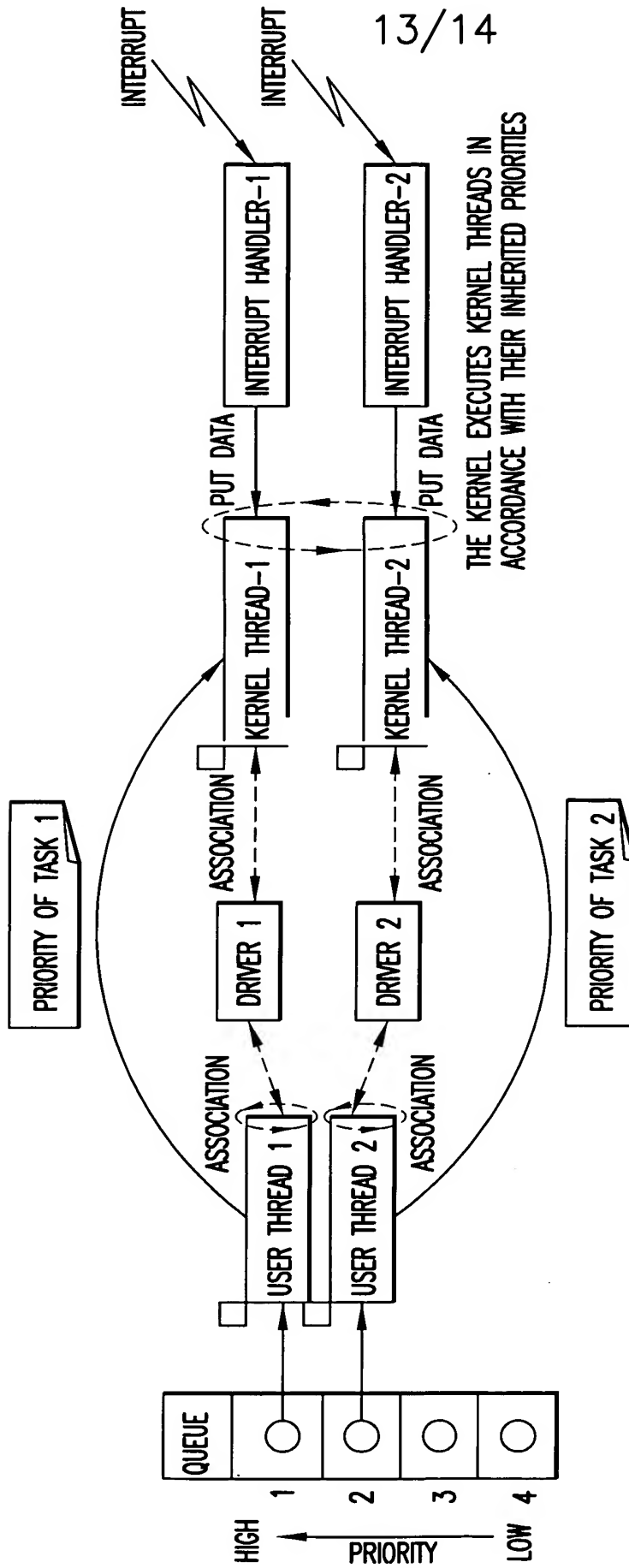
FIG.9



**FIG.10**  
PRIOR ART



**FIG.11**  
PRIOR ART



**FIG.12**  
PRIOR ART

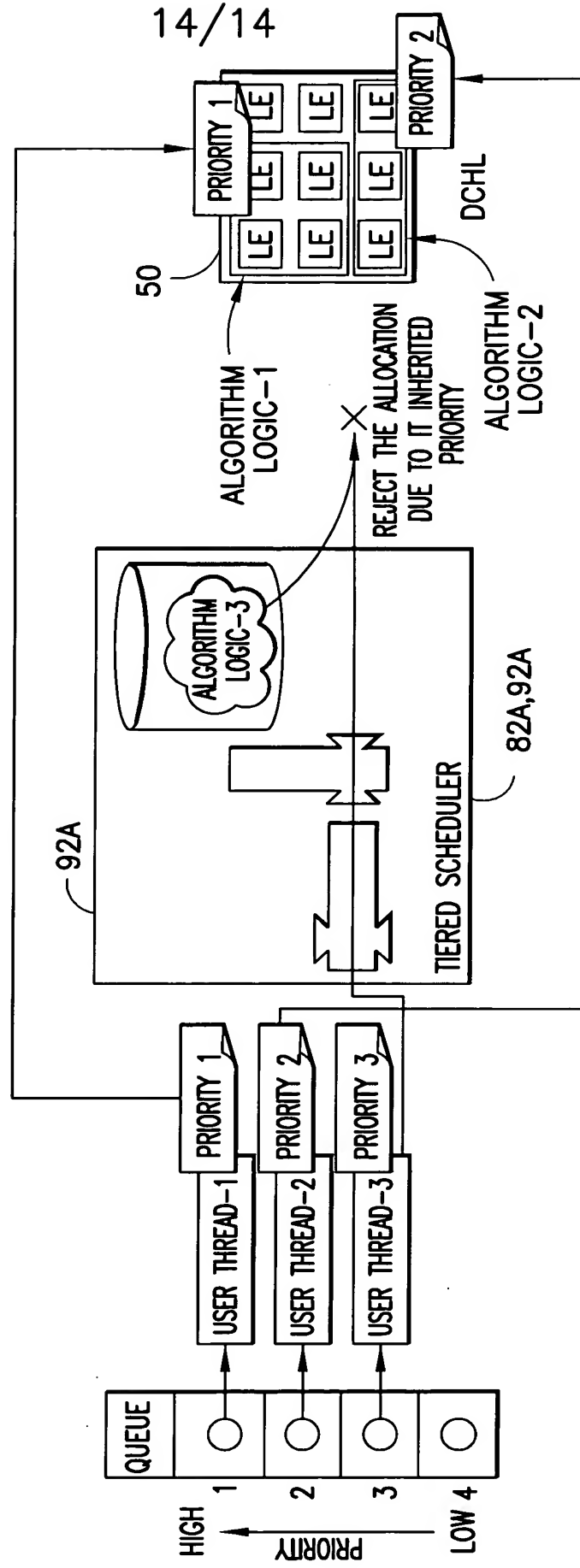


FIG.13